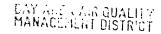
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Semi Annual Monitoring Verification Report

January 10th, 2018

Director of Compliance and Enforcement Bay Area Air Quality Management District 939 Ellis Street San Francisco, CA 94109 Attention: Title V

Re:

Ardagh Metal Beverage USA Inc. (Formerly Rexam Beverage Can Company)

2433 Crocker Circle Fairfield, CA 94533 Facility Site I.D. #A1665

Facility Site I.D. #A1665

Atten: Title V Semi-Annual Monitoring Verification Report

AT Marions

Dear Sir or Madam:

Per the requirements of our Major Facility Review Air Operating Permit, enclosed please find the completed Title V Semi-Annual Monitoring Verification Report for our above referenced facility located in Fairfield, California. Reporting period 7/1/2017 – 12/31/2017 I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.

If you have any questions or require additional information, please contact the undersigned at (707) 437-7401

Sincerely,

Steve Marianno Plant Manager Fairfield Facility

Ardagh Metal Beverage USA Inc.

Ardagh Metal Beverage USA Inc. 2433 Crocker Circle Fairfield, California 94533 USA Tel +1 707 437 6645 Plant: Ardagh Metal Beverage USA Inc. 2433 Crocker Circle Fairfield, CA 94533 Permit Site # A1665 Date: January 10th, 2018

Title V Semi-Annual Monitoring Verification Report

Table VII-A

Applicable Limits and Compliance Monitoring Requirements S-1, S-7: Roller Coaters, Line 1 & Line 2

				1, 5-7: Koller Co	aters, Elle	C Dille 2			
	Emission		Future		Monitoring Requirement	Monitoring	Monitoring	Comp	oliance
Type of	Limit	FE	Effective	1	Citation	Frequency	Туре	Yes	No
Limit	Citation	Y\N	Date	Emission Limit		(P/C/N)		103	140
VOC	BAAQMD	Y		Two-Piece Can	BAAQMD	P/D	Coating		
	8-11-301.3			Basecoat:	8-11-501		records		
	l			250 g/l (2.1 lb/gal) of					
				coating applied,					
	'			excluding water				YES	
	BAAQMD	Y		Abatement Device	BAAQMD	С	Temperature		
	8-11-302	-]	efficiency >90%	8-11-504		of		
	(alternative			James	0 11 20 .		incineration		
	to 8-11-						unit		
	301.3)							YES	
	BAAQMD	Y	-	Daily weighted	BAAQMD	P/A — P/E	Alternative		
	8-11-305.1	-		average VOC	8-11-3053 —		Emission		
	(optional)			emissions from all	8-11-503.1		Control Plan		
	(opnona)			coatings equivalent to	0 11 505		submittal —		
				VOC limits specified			Excess	YES	
				by 8-11-301			emissions		
i.		1		3,0 5		1	reporting		
							' "		
VOC	NSPS			Exterior Base Coat:	NSPS Subpart	P/M	Coating		
	Subpart	1	}	0.29 kilogram of VOC	ww,	1	records,		
	ww.			per liter (2.42 lb/gal)	60.493 (b)		Initial		
	60.492 (a)	Y		of coating solids	·		performance		
							test,	YES	}
							Monthly	}	Ì
							operating		
							parameters		
	Condition	Y		Facility Limit has	Condition	P/D	Operating		
	#391,	^	1	been change to	0391,		time,		
	part 1			34.4 Tons/Yr	part 9(a)		Can	İ	
			ļ		' ' '		production	l	ļ
							rate, Amount	YES	
							of coating		
		L		<u></u>			used		L

Plant: Ardagh Metal Beverage USA Inc. 2433 Crocker Circle Fairfield, CA. 94533 Permit Site # A1665 January 10th, 2018

Title V Semi-Annual Monitoring Verification Report

Table VII-B

Applicable Limits and Compliance Monitoring Requirements

S-2, S-8: Coater Ovens

	,			S-2, S-8:	Coater Oven	<u>s</u>			
	Emission		Future		Monitoring	Monitoring		Compliance	Compliance
Type of	Limit	FE	Effective Date		Requirement	Frequency	Monitoring Type	Yes	No
Limit	Citation	Y/N	Date	Emission Limit	Citation	(P/C/N)	1) pc		1.0
voc	BAAQMD	Y		Two-Piece Can	BAAQMD	P/D	Coating		
	8-1 1-301.3	1		Basecoat:	8-1 1-501	1	records	YES	1
				250 g/l (2.1 lb/gal) of					
				coating applied, excluding water					
voc	BAAQMD	Y		Abatement Device	BAAQMD	С	Temperature		
	8-11-302			efficiency ≥90%	8-11-504		of	YES	
	(alternative						incineration	LES	
	to 8-11-						unit		1
	301.3)								ļ
	NSPS	Y		Exterior Base Coat:	NSPS Subpart	P/M	Coating		
	Subpart			0.29 kilograms f VOC	WW, 60.493 (b)		records,		
	ww,			per liter (2.42 lb/gal)			Initial		ļ
	60.492 (a)]		of coating solids			performance		1
							test,		
	i		1				Monthly	YES	
	ĺ						operating	ŀ	
	_			i			parameters		
,	Condition	Y		34.4 tons/yr,	Condition #391,	P/D	Operating		
	#391,	1		facility limit	part 9(a)		time,		-
1.	part i						Can		
		1					production		
		ļ			ļ		rate,	YES	
							Amount of		
				\			coating used	ł	1
	Condition	Y		Abatement Device	Condition #391,	С	Temperature		
[#391,		1	efficiency ≥95%	part 7		of]
	part 5						incineration	YES	1
							unit] _
	Condition	Y		Minimum Incinerator	Condition #391,	С	Temperature		
	#391,			Temperature A-9 is	part 7		of	1	
	part 6			1600 degrees F			incineration	YES	
							unit		
<u> </u>	<u>l</u>	<u> </u>	<u> </u>		<u></u>			<u> </u>	

Plant: Ardagh Metal Beverage USA Inc.

2433 Crocker Circle Fairfield, CA. 94533 Permit Site # A1665 January 10th, 2018

Title V Semi-Annual Monitoring Verification Report

Table VII-C Applicable Limits and Compliance Monitoring Requirements S-3, S-9: Printers, Line 1 & Line 2

	Emissions Limit		Future Effective		Monitoring	Monitoring		Comp	liance
Type of Limit	Citation	FE Y/N	Date	Emission Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
VOC	BAAQMD 8-11-301.3	Y	Dute	Overvarnish: 250 g/l (2.1 lb/gal) of coating applied, excluding water	BAAQMD 8-11-501	P/D	Coating records	YES	
	BAAQMD 8-11- 301.10	N I		Inks: 300 g/l (2.5 lb/gal) of coating applied, excluding water	BAAQMD 8-11-501	P/D	Coating records	YES	
	BAAQMD 8-11-302 (alternative to 8-11- 301.3, 301.10)	Y		Abatement Device efficiency≥90%	BAAQMD 8-11-504	С	Temperature of incineration unit	YES	
	BAAQMD 8-11-305.1 (optional)	Y		Daily weighted average VOC emissions from all coatings equivalent to VOC limits specified by 8-11-301	BAAQMD 8-11-305.3 - 8-11-503.1	P/A – P/E	Alternative Emission Control Plan submittal – Excess emissions reporting	YES	
	SIP 8-11-301.9	Y		Inks: 300 g/l (2.5 lb/gal) of coating applied, excluding water	SIP 8-11-501	P/D	Coating records	YES	

2433 Crocker Circle Fairfield, CA. 94533 Permit Site # A1665 January 10th, 2018

Title V Semi-Annual Monitoring Verification Report

Table VII-C Applicable Limits and Compliance Monitoring Requirements S-3, S-9: Printers, Line 1 & Line 2

Гуре of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Yes	No
voc	NSPS Subpart WW 60.492 (b)	Y		Over-varnish: 0.46 kilogram of VOC per liter (3.84 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters	YES	
	Condition 391, part 1	Y		34.4 tons/yr, facility limit	Condition 4391, part 9(a)	P/D	Operating time, Can production rate, Amount of coating used	YES	

Table VII -D Applicable Limits and Compliance Monitoring Requirements S-4, S-10: Printer Ovens

	Emission		Future		Monitoring	Monitoring		compliance	
Type of	Limit	FE	Effective		Requirement	Frequency	Monitoring	Yes	No
Limit	Citation	L	Date	Emission Limit	Citation	(P/C/N)	Type	}	
VOC	BAAQMD	Y		Overvarnish:	BAAQMD	P/D	Coating records	1	
	8-11-301.3			250 g/l (2.1 lb/gal) of coating applied, excluding water	8-11-501			YES	
	BAAQMD	N		Inks:	BAAQMD	P/D	Coating records	VEG	
	8-11- 301.10	l		300 g/l (2.5 lb/gal) of coating applied.	8-1 1-501			YES	
			L	excluding water		<u> </u>	-		

Plant: Ardagh Metal Beverage USA Inc.

2433 Crocker Circle Fairfield, CA. 94533 Permit Site # A1665 January 10th, 2018

Title V Semi-Annual Monitoring Verification Report

Table VII-D Applicable Limits and Compliance Monitoring Requirements S-4, S-10: Printer Ovens

m . c	Emission	FE	Future Effective		Monitoring Requirement	Monitoring Frequency		Compli	iance
Type of Limit	Limit Citation	I E	Date	Emission Limit	Citation	(P/C/N)	Monitoring Type	Yes	No
voc	BAAQMD 8-11-302 (alternative to 8-11- 301.3, 301.10)	Y		Abatement Device efficiency≥90%	BAAQMD 8-11-504	С	Temperature of incineration unit	YES	
	SIP 8-11-301.9	Y		Inks: 300 g/l (2.5 lb/gal) of coating applied, excluding water	BAAQMD 8-11-501	P/D	Coating records	YES	
	NSPS Subpart WW, 60.492 (b)	Y		Overvarnish / Clear Basecoat: 0.46 kilogram of VOC per liter (3.84 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	Р/М	Coating records, Initial performance test, Monthly operating parameters	YES	
	Condition #391, part 1	Y		34.4 tons/yr, facility limit	Condition #391, part 9(a)	P/D	Operating time, Can production rate, Amount of coating used	YES	
voc	Condition #391, part 5	Y		Abatement Device efficiency ≥95%	Condition #391, part 7	С	Temperature of incineration unit	YES	
	Condition #391, part 6	. Y		Minimum Incinerator Temperature of A-9 is 1600 degrees F	Condition #391, part 7	С	Temperature of incineration unit	YES	

Plant: Ardagh Metal Beverage USA Inc.

2433 Crocker Circle
Fairfield, CA 94533
Permit Site #A1665
January 10th, 2018

Title V Semi-Annual Monitoring Verification Report

Table VII-E Applicable Limits and Compliance Monitoring Requirements S-5, S-11: Inside Spray Machines, Line 1 & Line 2

_	Emissions		Future		Monitoring	Monitoring		Comp	liance
Type of	Limit Citation	FE Y/N	Effective Date	Postada a Timba	Requirement Citation	Frequency (P/C/N)	Monitoring	Yes	No
Limit		Y	Date	Emission Limit		P/D	Type		
voc	BAAQMD 8-11-	Y		Interior Body Spray: 420 g/l (3.5 lb/gal) of .	BAAQMD 8-11-501	P/D	Coating records		
ļ	301.4.1			coating applied excluding water	8-11-301		iccolus	YES	
	BAAQMD	N		Abatement Device	BAAQMD	С	Temperature		
	8-11-302)	efficiency≥90%	8-11-504		of	YES	}
	(alternative		ĺ		i		incineration	1133	
	to 8-11-		1			ı	unit		
	301.4,								
	BAAQMD	Y	ł	Daily weighted	BAAQMD	P/A – P/E	Temperature		
	8-11-305.1		!	average VOC	8-11-305.3 -		of		
	(optional)		}	emissions from all	8-11-503.1		incineration	YES	}
				coatings equivalent to			unit		
				VOC limits specified	1				
				by 8-11-301					
	SIP	Y		Interior Body Spray:	SIP	P/D	Alternative		
	8-11-301.4			510 g/l (4.2 lb/gal) of			Emission		1
			ļ	coating applied excluding water			Control Plan		<u> </u>
	1		ĺ	l and a second			submittal –	YES	
				1		ļ.	Excess	,	
							emissions]
							reporting		
	NSPS	Y		Inside Spray:	NSPS Subpart	P/M	Coating	ı	
	Subpart WW,			0.89 kilogram of VOC	WW 60.493 (b)		Records	YES	
	60.492 (c)		1	per liter (7.43 lb/gal) of coating solids	30.773 (0)		Initial Performance		1
				1			Test.		1
			!		,		Monthly operating		
						}	Parameters		
			1						
									1

Plant: Ardagh Metal Beverage USA Inc. 2433 Crocker Circle Fairfield, CA. 94533 Permit Site # A1665 January 10th, 2018

Title V Semi-Annual Monitoring Verification Report

Table VII-E

Applicable Limits and Compliance Monitoring Requirements

S-5, S-11: Inside Spray Machines, Line 1 & 2

	···		<u> </u>	S-11: Inside S	pray Machines,	Line I &	2		
Type of	Emission Limit	FE	Future Effective Date		Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	Compliance
Limit	Citation	Y/N		Emission Limit	Chanon	(F/C/N)		Yes	No
VOC	Condition #391 Part I	Y		34.4 tons/yr. facility limit	Condition #391, part 9 (a)	P/D	Operating time Can production rate, Amount of coating used	YES	
	Condition #391 Part 5	Y		Abatement Device efficiency ≥95%	Condition #391, part 4	P/D	Ventilation System negative pressure monitoring	YES	
	Condition #391 Part 5	Y		Abatement Device efficiency ≥95%	Condition #391, part 7	С	Temperature of incineration unit	YES	
	Condition #391, part 6	Y		Minimum incinerator Temperature of A-9 is 1600 degrees F	Condition #391, part 7	С	Temperature of incineration unit	YES	
TSP	Regulation 6-301	Y		Ringelmann 1.0		N		YES	
	Regulation 6-310	Y		0.15 gr/dscf	Condition #16547, part 2	P/Q	Baghouse Inspection	YES	

Plant: Ardagh Metal Beverage USA Inc.

2433 Crocker Circle Fairfield, CA. 94533 Permit Site # A1665 January 10th, 2018

Title V Semi-Annual Monitoring Verification Report

Table VII-F Applicable Limits and Compliance Monitoring Requirements S-6, S-12: Bake Ovens

	Emission		Future		Monitoring Requirement	Monitoring		Соп	npliance
Type of Limit	Limit Citation	FE	Effective Date	Emission Limit	Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
VOC	8-11- 301.4.1	N		Interior Body Spray: 420 g/l (3.5lb/gal) of coating applied excluding water	BAAQMD 8-11-501	P/D	Coating records	YES	
	BAAQMD 8-11-302 (alternative to 8-11- 301.4)	Y		Abatement Device efficiency ≥ 90%	BAAQMD 8-11-504	С	Temperature of incineration unit	YES	
	STP 8-11-301.4	Y		Interior Body Spray: 510 g/l(4.2 lb/gal) of Coating applied excluding water					····
	NSPS Subpart WW 60.492 (c)	Y		Inside Spray Coat: 0.89 kilogram of VOC per liter (7.43 lb/gal) of. coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records Initial Performance test. Monthly operating Parameters	YES	
	Condition #391, part 1	Y		34.4 tons/yr. facility Limit	Condition #391, part 9 (a)	P/D	Operating Time. Can production rate amount of coating used	YES	
	Condition #391, part 5	Y		Abatement device efficiency ≥ 95%	Condition #391, part 7	С	Temperature of incineration unit	YES	
voc	Condition #391, part 6	Y		Minimum Incinerator Temperature of A-9 is 1600 degrees F	Condition #391, part 7	С	Temperature of incineration unit	YES	

July 1, 2017 - December 31, 2017

Plant: Ardagh Metal Beverage USA Inc.

2433 Crocker Circle Fairfield, CA. 94533 Permit Site # A1665 January 10th, 2018

Title V Semi-Annual Monitoring Verification Report

Table VII G Applicable Limits and Compliance Monitoring Requirements S-17, Lime Silo

	Emission Limit	FE	Future		Monitoring	Monitoring	Manitanina	Compliance	
Type of Limit	Citation	Y/N	Effective Date	Emission Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
TSP	Regulation 6-301	Y		Ringelmann 1.0	Condition #16548, part 2,3	P/A	Visible Emissions Checks Records for S-17	YES	
	Regulation 6-310	Y		0.15 /dscf		N	rate, Amount of coating used	YES	

Table VII -G Applicable Limits and Compliance Monitoring Requirements S-16 Scrap Collection System

Type of	Emission Limit	FE	Future Effective		Monitoring Requirement	Monitoring Frequency	Monitoring	compliance	No
Limit	Citation		Date	Emission Limit	Citation	(P/C/N)	Type	103	
TSP	Regulation 6-301	Y		Ringelmann 1.0	Condition #16548, part 2,3			YES	
· · · ·	Regulation 6-310	Y		0.15 /dscf				YES	